



SEQUENCE LISTING

<110> Townes, Tim M.  
Ryan, Thomas  
Ciavatta, Dominic

<120> TRANSGENIC ANIMALS THAT PRODUCE HUMAN  
HEMOGLOBIN

<130> 04005/013003

<140> 08/961,443

<141> 1997-10-30

<150> 08/934,385

<151> 1997-09-19

<150> 08/888,433

<151> 1997-07-07

<150> 08/611,542

<151> 1996-03-06

<160> 19

<170> FastSEQ for Windows Version 3.0

*Accord.*  
<210> 1

<211> 23

<212> DNA

<213> Mus musculus

<400> 1

tcttcttgcc tcagcctacc agg

23

<210> 2

<211> 23

<212> DNA

<213> Mus musculus

<400> 2

ccctcaaacc aaactgagga gcg

23

<210> 3

<211> 23

<212> DNA

<213> Escherichia coli

<400> 3

tgaagagctt ggcggcgaat ggg

23

<210> 4  
<211> 23  
<212> DNA  
<213> Mus musculus

<400> 4  
gagcaatgtg gacagagaag gag

23

<210> 5  
<211> 23  
<212> DNA  
<213> Mus musculus

<400> 5  
tgatgtctgt ttctggggtt gtg

23

<210> 6  
<211> 23  
<212> DNA  
<213> Homo sapiens

<400> 6  
aatataccct gactcctagc ctg

23

*Acid.* <210> 7  
<211> 20  
<212> DNA  
<213> Homo sapiens

<400> 7  
ctgcagggtg aggaaggaag

20

<210> 8  
<211> 23  
<212> DNA  
<213> Homo sapiens

<400> 8  
atgccagaag ctctggaatt ctg

23

<210> 9  
<211> 27  
<212> DNA  
<213> Homo sapiens

<400> 9  
gcgcacaagc tttgctgga cccggtc

27

<210> 10

<211> 27  
<212> DNA  
<213> Homo sapiens

<400> 10  
ccttggaacc agtgtttctt tgagtcc 27

<210> 11  
<211> 25  
<212> DNA  
<213> Homo sapiens

<400> 11  
cgcacgtgga ctgcatgccc aacgc 25

<210> 12  
<211> 27  
<212> DNA  
<213> Homo sapiens

<400> 12  
cctgaggaga agtgtgccgt tactgcc 27

<210> 13  
<211> 27  
<212> DNA  
<213> Homo sapiens

*A cont'd.*  
<400> 13  
gtggatcctg agaccttcag ggtgagt 27

<210> 14  
<211> 27  
<212> DNA  
<213> Homo sapiens

<400> 14  
caaacagaca ccatgctgac tcctgag 27

<210> 15  
<211> 15  
<212> DNA  
<213> Homo sapiens

<400> 15  
atggtgcacc tgact 15

<210> 16  
<211> 4  
<212> PRT  
<213> Homo sapiens

<400> 16  
Met Val His Leu  
1

<210> 17  
<211> 26  
<212> DNA  
<213> Homo sapiens

<400> 17  
tgaacgtgga tgccgttggt ggtgag 26

<210> 18  
<211> 27  
<212> DNA  
<213> Homo sapiens

<400> 18  
gctcacctgg acaagctcaa gggcacc 27

*Q'concl'd*

<210> 19  
<211> 27  
<212> DNA  
<213> Homo sapiens

<400> 19  
ggcacctttg cccagctgag tgagctg 27